In response to the Office Action dated May 6, 1999, paper No. 7, kindly amend the above-identified application as follows:

IN THE CLAIMS:

Kindly amend the claims as follows:

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1. (Twice Amended) A system for generating separate high-luminance viewing windows on a computer display device, comprising:

a control device coupled to said computer display device for processing input signals and providing said processed input signals to said computer display device; [and]

a window generator coupled to said computer display device for generating window information and applying said window information to said control device to generate said separate high-luminance viewing windows on said computer display device;

a limiter coupled to said computer display device for processing said window information to limit said input signals provided to said display device;

a power supply, wherein said limiter samples said power supply to determine when to limit said input signals;

a processor which provides control signals to said window generator, said control signals including selective position and size information for said high-luminance windows;

said computer display device comprises a computer monitor including a cathode ray tube which receives said processed input signals; said control device comprises a video amplifier, and said input signals are video signals provided by said processor device;

wherein said limiter provides said analog window signal to control a gain control of said video amplifier; said limiter controlling a beam current applied to said cathode ray tube in said display device; and said limiter limiting said beam current when said beam current exceeds a predetermined threshold value.

Cancel Claims 2-9 without prejudice.

10. (Once Amended) The system of Claim [9] 1 wherein said control signals are generated by an application program for generating said high-luminance windows.

11. (Twice Amended) A method for generating individual high-luminance viewing windows on a display device, comprising the steps of:

processing input signals using a control device coupled to said display device;

providing said processed input signals to said display device;

generating window information using a window generator coupled to said display device; [and]

applying said window information to said control device to generate said high-luminance viewing windows on said display device; wherein said window information includes a window pulse;

processing said window pulse to limit said input signals using a limiter coupled to said display device; and further comprising a power supply; wherein said limiter samples said power supply to determine when to limit said input signals; and a processor device which provides control signals to said window generator, said control signals including selective position and size information for said high-luminance windows; wherein said display device is a computer monitor including a cathode ray tube which receives said processed input signals and displays said high-luminance windows; said control device is a video amplifier and said input signals are video signals provided by said processor device; said limiter receives and limits said window signal to generate and provide an analog window signal to said video amplifier; wherein said limiter provides said analog window signal to control the gain of said video amplifier; said limiter controlling a beam current applied to said cathode ray tube in said display device; and said limiter limiting said beam current when said beam current exceeds a predetermined threshold value.

Cancel Claims 12-18 without prejudice.

19. (Twice Amended) A computer-readable medium containing instructions for generating individual high-luminance viewing windows on a computer display device by performing the steps of:

processing input signals using a control device coupled to said display device;

providing said processed input signals to said display device;

generating a window pulse using a window generator coupled to said display device; [and]

applying said window pulse to said control device to generate said individual high-luminance viewing windows on said display device; and

limiting said window pulses when said processed input signals exceed a predetermined threshold value.

20. (Twice Amended) A system for generating high-luminance windows on a display device, comprising:

means for processing input signals using a control device coupled to said display device;

means for providing said processed input signals to said display device;

means for generating a window pulse using a window generator coupled to said display device; [and]

means for applying said window pulse to said control device to generate said high-luminance windows; and

means for limiting a beam current applied to said cathode ray tube in said display device when said beam current exceeds a predetermined threshold value.

21. (As Amended) A computer display for generating separately viewed high luminance windows on said display, comprising:

a window generator for generating a selectively sized and positioned window on the screen of said computer display,

a video amplifier for amplifying received video signals, said amplifier amplifying the received video signals at a higher value for the video signals being generated for presentation in said high luminance windows, and

a computer processor for providing window control signal information to said window generator regarding the size and placement of said window on said display screen; said computer processor providing said window control signals in response to a video application program;

a video amplifier responsive to said analog window signal for increasing the luminance of the selected area on said high luminance window; and